

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
Seok-Keun KOH et al

New York, New York

Date: June 22, 2001

Serial No.:

Group Art Unit:

Filed:

Examiner:

For: PLASMA POLYMERIZATION ON SURFACE OF MATERIAL

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Preliminary to the examination of the above application, please amend the above-entitled patent application as follows:

## FEE CALCULATION

Any additional fee required has been calculated as follows:

X If checked, "Small Entity" status is claimed.

NO. CLAIMS AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		EXTRA PRESENT	RATE	ADDIT. FEE
TOTAL	9	MINUS	20	* =	X (\$9 SE or \$18)	\$
INDEP.	2	MINUS	3	** =	X (\$40 SE or \$80)	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					X (\$135 SE or \$270)	\$
* not less than 20		** not less than 3		TOTAL \$		-0-

If any additional payment is required, a check which includes the calculated fee of \$  
 \_\_\_\_\_ (OFGS Check No. \_\_\_\_\_) is attached.

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee during the prosecution of this application is not paid, the Patent Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

## CONTINGENT EXTENSION REQUEST

If this communication is filed after the shortened statutory time period had elapsed and no separate Petition is enclosed, the Commissioner of Patents and Trademarks is petitioned, under 37 C.F.R. §1.136(a), to extend the time for filing a response to the outstanding Office Action by the number of months which will avoid abandonment under 37 C.F.R. §1.135. The fee under 37 C.F.R. § 1.17 should be charged to our Deposit Account No. 15-0700.

## AMENDMENTS

  x   If checked, amendment(s) to the specification and/or claims are submitted herewith.

1.        If checked, an abstract is submitted as the last page of Appendix A.

### 2. Specification:

Please add section beginning at page 1, line 2 (after the title) pursuant to 37 C.F.R. §1.121(b)(ii) attached hereto as Appendix A. Entry is respectfully requested

Please delete the paragraph beginning at page 6, line 4, and replace such paragraph pursuant to 37 C.F.R. § 1.121(b)(ii) with the "clean" version attached hereto as Appendix A. Entry is respectfully requested. A version with markings to show the changes made pursuant to 37 C.F.R. § 1.121(b)(iii) is attached hereto as Appendix B.

### 3. Claims:

Please cancel claims 1-13, 20, 21 and 23 without prejudice.

Please add new claims 31 and 32, pursuant to 37 C.F.R. § 1.121(c)(i) as set forth in the "clean" version attached hereto as Appendix A. Entry is respectfully requested. A version with markings to show the changes made pursuant to 37 C.F.R. § 1.121(c)(ii) is attached hereto as Appendix B.

       If checked, the optional complete set of "clean" claims pursuant to 37 C.F.R. § 1.121(c)(3) is attached hereto as Appendix C.

## REMARKS/ARGUMENT

In view of the foregoing amendments, Applicant respectfully requests favorable consideration and early passage to issue of the present application.

### EXPRESS MAIL CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee (mail label #EL334616568) in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on June 22, 2001:

Dorothy Jenkins

Name of Person Mailing Correspondence

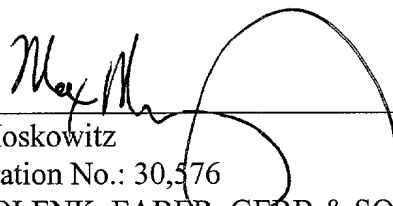


Signature

June 22, 2001

Date of Signature

Respectfully submitted,



Max Moskowitz

Registration No.: 30,576

OSTROLENK, FABER, GERB & SOFFEN, LLP

1180 Avenue of the Americas

New York, New York 10036-8403

Telephone: (212) 382-0700

FORM 3800-687/8860

**APPENDIX A**  
**“CLEAN” VERSION OF EACH PARAGRAPH/SECTION/CLAIM**  
**37 C.F.R. § 1.121(b)(ii) AND (c)(i)**

**SPECIFICATION:**

**New section beginning at page 1, line 2 (after the title):**

**CROSS REFERENCE TO RELATED APPLICATIONS**

This is a divisional of U.S. Patent Application Serial No. 09/509,725, filed March 29, 2000 in the name of Seok-Keun KOH, et al., and entitled PLASMA POLYMERIZATION ON SURFACE OF MATERIAL.

Replacement for the paragraph beginning at page 6, line 2:

Figures 9A and 9B are SEM micrographs illustrating the surface of a polymer with hydrophilicity among the polymers polymerized by the DC discharge photographed by scanning electron microscope;

**CLAIMS (with indication of amended or new):**

NEW            31. A material having a polymer with excellent hydrophilicity or hydrophobicity is fabricated by the method of claim 14.

NEW            32. A material having a polymer with excellent hydrophilicity or hydrophobicity is fabricated by the method of claim 19.

**APPENDIX B**  
**VERSION WITH MARKINGS TO SHOW CHANGES MADE**  
**37 C.F.R. § 1.121(b)(iii) AND (c)(ii)**

**SPECIFICATION:**

New section beginning at page 1, line 2 (after the title):

CROSS REFERENCE TO RELATED APPLICATIONS

This is a divisional of U.S. Patent Application Serial No. 09/509,725, filed March 29, 2000 in the name of Seok-Keun KOH, et al., and entitled PLASMA POLYMERIZATION ON SURFACE OF MATERIAL.

Paragraph at page 6, line 2 to page 6, line 4:

Figures 9A and [9A] 9B are SEM micrographs illustrating the surface of a polymer with hydrophilicity among the polymers polymerized by the DC discharge photographed by scanning electron microscope;

**CLAIMS:**

31. A material having a polymer with excellent hydrophilicity or hydrophobicity is fabricated by the method of claim 14.

32. A material having a polymer with excellent hydrophilicity or hydrophobicity is fabricated by the method of claim 19.